APPENDIX A

BIBLIOGRAPHY

PREFACE

Much of the subject matter contained in this manual is derived from actual experience gained through the real-time management of Corps of Engineers reservoirs throughout the United States. These practices are, however, based on general guidelines and criteria established by HQUSACE. The principal reference material is contained in the Engineering Regulations, Engineering Manuals, Engineering Technical Letters, and other documents as listed in Chapter 1. These publications, in turn, contain many references which describe technical procedures related to the particular subject of the publications.

Documentation of the experience of actual application of these principles has been limited to technical explanations of those procedures that have been developed and utilized by various Corps of Engineers District and Division Offices, as set forth in technical papers and symposia proceedings. This manual has in part drawn upon these publications and thereby represents an attempt to consolidate both published and unpublished information, based on current practices in water control management by the Corps of Engineers.

The following references are technical publications dealing with technical methods. They are either specifically referenced in the text, or they are general references that pertain to the subject as background material but not specifically referenced in this manual. There is a wealth of reference material on the general subject of developing and utilizing water control systems, but the bulk of this material is concerned with the planning and design of these systems. The portion of the material dealing with real-time management is much smaller. The general references listed here have been selected from those which are directed to real-time management and exclude those which are directed primarily to planning or design of water control projects.

SPECIFIC REFERENCES

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6. U.S. Army Corps of Engineers, Hydrologic Engineering Center, "HECDSS, Users Guide and Utility Program Manual," Davis, California, October 1986.

7. U.S. Army Corps of Engineers, North Pacific Division, "Columbia River Operational Hydromet and Management System, CROHMS," Design Memorandum No. 1, Portland, Oregon, April 1974.

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10. U.S. Army Corps of Engineers, North Pacific Division, "Summary Report of the Snow Investigations, Snow Hydrology," Portland, Oregon, June 1956.

11. U.S. Army Corps of Engineers, North Pacific Division, "Hydro-System Seasonal Regulation Model, HYSSR," Users Manual, Portland, Oregon, March 1972.

12. U.S. Army Corps of Engineers, Hydrologic Engineering Center, "Simulation of Flood Control and Conservation Systems (HEC-5)," Users Manual, Davis, California, April 1982.

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17. Linsley, R. K., M. A. Kohler, and J. L. Paulhus, Hydrology for Engineers, Second Edition, McGraw-Hill Co., New York, 1975.

18. U.S. Army Corps of Engineers, North Pacific Division, "Memorandum of Understanding, Columbia River Forecasting Service," U.S. Weather Service, and Bonneville Power Administration, Portland, Oregon, 1971.

19. U.S. Army Corps of Engineers, Hydrologic Engineering Center, "Flood Emergency Plans," Davis, California, June 1980.

GENERAL REFERENCES

1. Proceedings of a Seminar on Real-Time Water Control Management, 17-19 November 1975, Hydrologic Engineering Center, Davis, California.

2. Proceedings of the National Workshop on Reservoir Systems Operations, August 13-17, 1979, sponsored by the American Society of Civil Engineers and the Office of Water Research and Technology, U.S. Dept. of the Interior, edited by Dr. Gerrit H. Toebes and Alice A. Shepherd, and published by the American Society of Civil Engineers, New York, New York.

3. Proceedings of a Symposium on Accomplishments and Impacts of Reservoirs, sponsored by the ASCE Water Resources Planning and Management Division, October 20-21, 1983, edited by Gordon G. Green and Earl E. Eiker, published by the American Society of Civil Engineers, New York, New York.

4. Proceedings of a Meeting on Modeling of Snow Cover Runoff at the U.S. Army Cold Regions and Engineering Laboratory, 26-28 September 1978, edited by S. C. Colbeck and M. Ray, sponsored by the American Geophysical Union and American Meteorological Society, and published by the Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire.

5. Proceedings of the International Symposium on Rainfall-Runoff Modeling, May 18-21, 1981, Mississippi State University, Mississippi, edited by Vijay P. Singh, published by Water Resources Publications, P.O. Box 2841, Littleton, Colorado 80161.

NOTE: The above referenced proceedings contain many technical papers prepared by authors who have had experience in some particular aspect of management of water control systems or in the technical aspects of applied hydrology, which may be used in analyses of water control systems.